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(54) Title: METHOD OF PRODUCING FIBRE PRODUCTS

(57) Abstract: A process for producing a fibrous material, comprising a lignocellulosic material with phenolic or similar structural groups, and a signalling agent, said process comprising the steps of oxidizing phenolic or similar structural groups of the lignocellulosic matri to provide an oxidized fibre material, and directly, or via a tagging agent binding to the oxidized fibre material with a signalling agent which is capable of providing the lignocellulosic fibre material with properties foreign to the native fibre so that the fibres or products prepared therefrom can be detected. The signalling agent bonded to the fibres makes it possible to identify the product, trace it, and to use it as a security/anti-counterfeit product.